



HEXANA AND ATOOMCOÖPERATIE JOIN FORCES TO DEPLOY NEXT-GENERATION MODULAR REACTORS IN THE NETHERLANDS

**AIX-EN-PROVENCE
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HEXANA, a leading developer of advanced nuclear technologies, and Atoomcoöperatie, a Dutch cooperative committed to accelerating the adoption of nuclear solutions in the Netherlands have signed a Memorandum of Understanding (MoU) to explore cooperation on the potential development HEXANA's nuclear platform in the Netherlands.

The two organizations will collaborate to pave the way for HEXANA's technology deployment in the country. Together, they will assess feasibility, engage key stakeholders, and facilitate the necessary conditions for the successful implementation of HEXANA's innovative energy platform.

An energy platform to support industrial decarbonization and enhanced grid flexibility

HEXANA's energy platform combines two Generation IV sodium-cooled reactors with a thermal energy storage system, a design which unlocks new possibilities. The solution is capable to simultaneously produce low-carbon high-temperature heat (up to 500°C) and electricity, providing energy-intensive industries such as chemicals, , steel, hydrogen or e-fuels production, essential for their decarbonization journey.

Beyond industrial applications, the reactor's thermal storage capability acts as a stabilizer for the power grid, compensating for the variability of renewable energy sources. The solution also provides reliable, stable and efficient electricity for data centers and high-demand digital infrastructure, supporting the Netherlands' ambitions in the sector.

Joining forces to accelerate the adoption of HEXANA's energy platform in the Netherlands

Through this partnership, Atoomcoöperatie will drive coordination and momentum for HEXANA's advanced modular reactor deployment in the Netherlands. The cooperative will facilitate stakeholder engagement, align regional and national interests, and cultivate a favorable environment for regulatory, industrial, and financial cooperation.

"The Netherlands stands as a strategic hub for European industry, with historic clusters that anchor Europe's economic strength," said Sylvain Nizou, CEO of HEXANA. "At HEXANA, we aim to bring these industries a

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decarbonized and resilient energy solution that ensures predictability and energy security. We chose mature, proven sodium-cooled technology, with six reactors already successfully operated in Europe, because decarbonizing industry is urgent and requires mature, reliable solutions that can also enhance grid flexibility. Atoomcoöperatie's expertise and deep understanding of the Dutch energy landscape will be instrumental in accelerating our deployment in the Netherlands".

"This partnership reflects a shared belief that nuclear innovation must serve people, industry, and the planet", according to Olguita Oudendijk, Chair of Atoomcoöperatie. "By aligning communities, policymakers, and technology leaders, we can make advanced nuclear energy a cornerstone of a resilient, carbon-free Netherlands. Working with HEXANA allows us to translate global reactor expertise into Dutch industrial strength and long-term energy security."

This partnership represents a shared commitment to advancing carbon-free energy, strengthening energy independence, and supporting the Netherlands' industrial and climate transition through next-generation nuclear innovation.

About HEXANA

HEXANA, an industrial start-up spin-off from the French Atomic Energy and Alternative Energies Commission (CEA), is developing an innovative energy platform that combines sodium-cooled fast neutron reactors (SFR) with a thermal storage system. SFR is a proven technology with more than 400 years of cumulative experience worldwide, of which 120 years in Europe (from construction to decommissioning). HEXANA's solution delivers decarbonized, flexible, competitive, and sovereign energy tailored to industrial needs. Positioned as a credible alternative to fossil fuels, HEXANA leverages the legacy of the Phénix, Superphénix, and ASTRID projects, integrating unique expertise and decades of experience (more than 70 years of R&D and operation) to transform nuclear energy into a pivotal asset for the energy and climate transition.

Awarded with a France 2030 grant, HEXANA operates from offices in Aix-en-Provence, Paris, and Brussels. The company is a member of GIFEN, the European SMR Industrial Alliance, NuclearEurope, COGEN Europe, the Capénergies and Nuclear Valley clusters, France Deeptech, Forces Françaises de l'Industrie, La French Tech Aix-Marseille, SNETP and Provence Fabrique des Possibles.

For more information, visit www.hexana.com

About ATOOMCOÖPERATIE

The Atoomcoöperatie is the first cooperative in the world focusing on civil and entrepreneurial participation in the development of nuclear solutions in the Netherlands to enhance and accelerate the energy transition in the Netherlands towards a carbon free society.

For more information, visit www.atoomcooperatie.nl

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